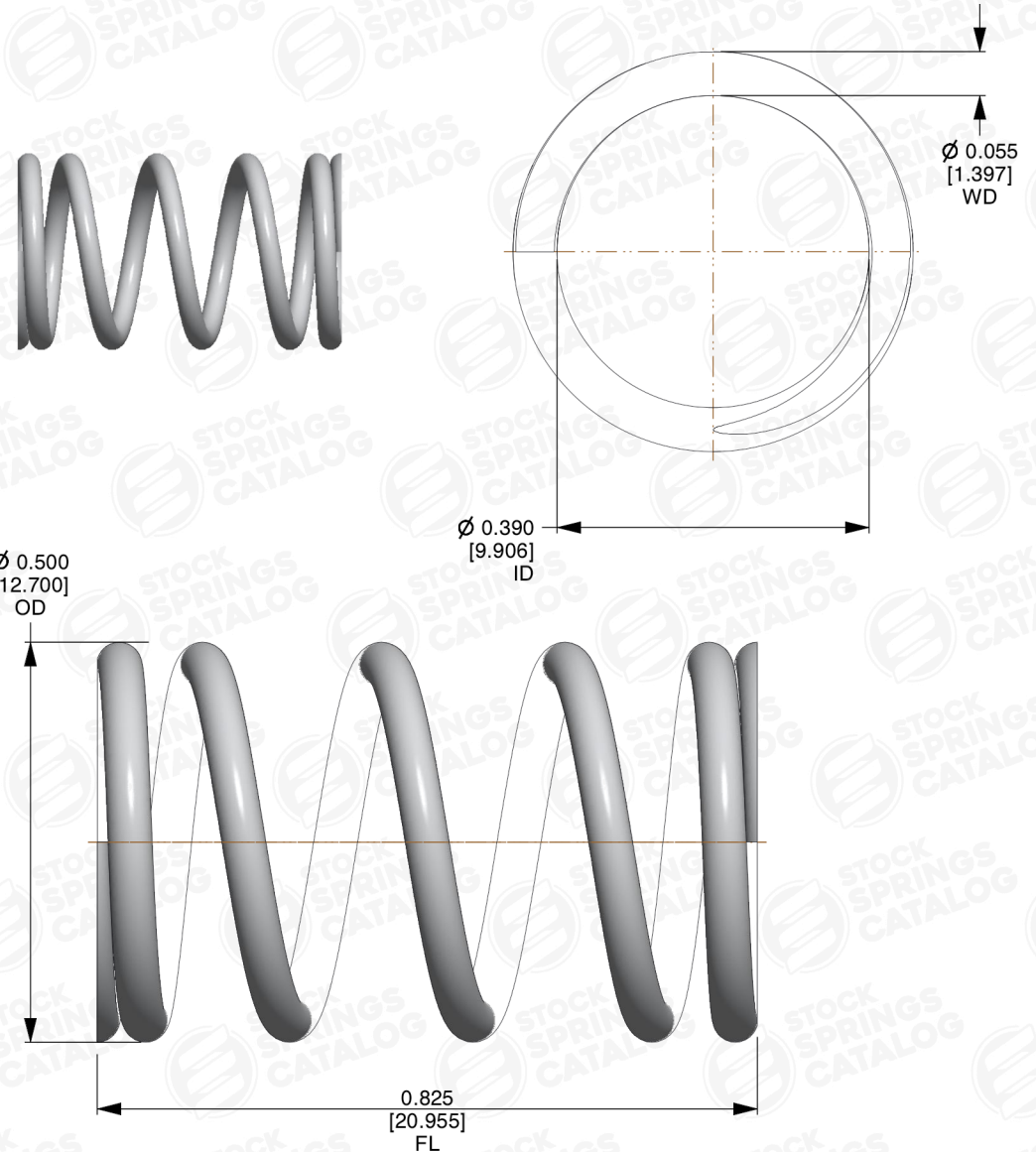


Part Name:	Date: 06/02/2026
Part #: in	PC055-500-6000-SST-0825-CG-N-IN
(Click to see Part # on Website)	
Spring Type: Compression Spring	End Type: Closed & Ground End
Finish: None	Direction of Wind: Right Hand
Material: Stainless 302 ASTM A313	Spring Index (I): 8.091
Weight / M: 5.760 Lbs	Length of W: 8.388 in

Physical Dimensions	IN	MM	Tolerances (in)
Wire Diameter (WD)	0.055 in	[1.397 mm]	+/- 0.001
Outer Diameter (OD)	0.500 in	[12.700 mm]	+/- 0.008
Mean Diameter (MD)	0.445 in	[11.303 mm]	+/- 0.008
Inner Diameter (ID)	0.390 in	[9.906 mm]	+/- 0.008
Free Length (FL)	0.825 in	[20.955 mm]	+/- 0.025
Active Coils (AC)	4.000	4.000	+/- 1/4 Coil
Total Coils (TC)	6.000	6.000	+/- 1/4 Coil
Solid Height (SH)	0.330 in	[8.382 mm]	+/- 0.023
Coil Pitch (CP)	0.179 in	[4.539 mm]	
Rise Angle (RA)	7.286	[7.286]	
Spring Rate (K)	32.28650 lbs/in	5.654 N/mm	+/- 3.229
Max Load (ML)	15.474 lbf	68.830 N	+/- 1.547
Max Travel (MT)	0.479 in	12.174 mm	
Material Shear Modulus (G)	9949475.938 PSI	68599221788.087 Pa	
Max Shear Stress Possible (t max)	124550.000 PSI	858742020.843 Pa	
Wahl Correction Factor (W)	1.182	1.182	



Notes	Scale: 4.200	Revision #:	Drawn By:	Approved By:
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